

1 **Amendment to the Claims**

2 **In the Claims:**

3 Please amend Claims 1, 2, 5, 8, and 14, and cancel Claim 9, as follows:

4 1. (Currently Amended) A method of creating a list in an electronic spreadsheet program, the
5 List Object comprising a plurality of records, wherein each record comprising a plurality of fields
6 comprising the steps of:

7 (a) receiving a user command to generate a list;

8 (b) performing a first sequence comprising the steps of;

9 (i) determining whether pre-existing data is to be imported into the list;

10 (ii) if pre-existing data is to be imported into the list, determining where the pre-
11 existing data is located; and

12 (iii) if the list does not contain pre-existing data, creating a list in a worksheet in the
13 spreadsheet program;

14 (c) performing a second sequence, subsequent to the first sequence, comprising the step of
15 defining a plurality of fields in the list, each field comprising a plurality of characteristics; and

16 (d) performing a third sequence subsequent to the second sequence, comprising the steps
17 of:

18 (i) creating the list in the spreadsheet program ~~such that each field in each record~~
19 ~~is logically associated to every other field in the record; and~~

20 (ii) creating a continuing association between each field within each record such
21 that each field remains associated with other fields within each record when the record is
22 manipulated, regardless of whether a user selects all of the fields within each record when
23 manipulating records within the list.

24 2. (Currently Amended) The method of Claim 1, wherein the step of determining whether
25 pre-existing data is to be imported into the list further comprises the steps of:

26 (a) determining whether the pre-existing data is located in a spreadsheet program
27 worksheet;

28 (b) if the pre-existing data is located in a spreadsheet program worksheet, prompting the
29 user to input a range within the worksheet comprising the pre-existing data; and

30 ///

1 (c) if the pre-existing data is not located in the spreadsheet program worksheet, opening a
2 Query dialog box operable for receiving user commands to navigate to a location that contains the
3 pre-existing data.

4 3. (Original) The method of Claim 1, wherein the first sequence further comprises the step of
5 determining the location where to place the list.

6 4. (Original) The method of Claim 3, wherein the location to place the list is selected from
7 the list consisting essentially of a new worksheet, or an existing worksheet.

8 5. (Currently Amended) The method of Claim 1, wherein the step of defining the fields in
9 the ~~list~~ list comprises, adding a new field, modifying a field, deleting a field, or altering at least one of
10 the characteristics of a field.

11 6. (Original) The method of Claim 1, wherein the list is a List Object.

12 7. (Original) The method of Claim 1, wherein the list is a List Sheet.

13 8. (Currently Amended) A computer-readable medium containing computer-executable
14 instructions for displaying a plurality of dialog boxes that allow a user to graphically create an List
15 Object comprising a plurality of records and each record comprising a plurality go fields in a
16 spreadsheet program, comprising the steps of:

17 (a) displaying a first dialog box operable for receiving user commands to specify at least
18 one of;

19 (i) the location within the spreadsheet where the List Object will be positioned;
20 and

21 (ii) the location of any pre-existing data that will populate the database;

22 (b) displaying a second dialog box operable for receiving user commands to define a
23 plurality of options associated with each of fields in the List Object;

24 (c) displaying third dialog box, operable for receiving user commands to save the plurality
25 of options associated with each field; and

26 (d) creating the List Object in a worksheet within the spreadsheet program, ~~such that each~~
27 ~~field in each record is logically associated to every other field in the record; and~~

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1 (e) creating a continuing association between each field within each record such that each
2 field remains associated with other fields within each record when the record is manipulated,
3 regardless of whether a user selects all of the fields within each record when manipulating records
4 within the list.

5 9. (Cancelled)

6 10. (Currently Amended) A user interface operable for graphically creating a List Object
7 comprising a plurality of records, each record comprising a plurality of fields, within a spreadsheet
8 program, the user interface comprising:

9 (a) a first dialog box comprising;

10 (i) a first plurality of input elements operable for receiving user commands to
11 determine the location of data to import into the List Object; and

12 (ii) a second plurality of input elements operable for receiving use command to
13 determine the location where the List Object will be placed in the spreadsheet;

14 (b) a second dialog box comprising;

15 (i) a window for defining the fields in the List Object;

16 (ii) a field form box for receiving a field name for each field defined in the
17 window; and

18 (iii) a drop down menu operable for selecting a data type associated with each field
19 defined in the window; and

20 (c) a third dialog box, comprising:

21 (i) a reference box for showing a name associated with the List Object; and

22 (ii) a "FINISH" button for creating the List Object, such that each field in each
23 record is logically and continuingly associated to with every other field in the record, regardless of
24 whether a user selects all of the fields within each record when manipulating records within the list.

25 11. (Currently Amended) The user interface of Claim 10, wherein the first dialog box further
26 comprises:

27 (a) a first reference window for receiving user input to identify the location of the data to
28 import into the List Object external to the spreadsheet; and

29 (b) a second reference window for receiving user input to identify the location in the
30 spreadsheet of the List Object.

1 12. (Original) The user interface of Claim 10, wherein the second dialog box further
2 comprising a plurality of buttons operable for defining the fields in the List Object.

3 13. (Original) The user interface of Claim 12, wherein the plurality of buttons is comprised
4 from the group consisting essentially of an "Add" button, a "Modify" button, a "Delete" button, and a
5 "Setting" button.

6 14. (Currently Amended) The user interface of Claim 10, wherein the List Object comprises:

7 (a) a frame operable for defining the border of the List Object;

8 (b) a row selector for indicating which row of the List Object is selected;

9 (c) a plurality of field headers operable for identifying the data fields in the plurality of
10 records; and

11 (d) a cell table operable for storing individual data fields.

12 15. (Original) The user interface of Claim 14, wherein the frame is active when an active cell
13 is within the List Object.

14 16. (Original) The user interface of Claim 14, wherein the field headers are ghosted out over
15 the top of a spreadsheet column header when the field headers are scrolled off the spreadsheet.

16 17. (Original) The user interface of Claim 14, wherein the embedded data base further
17 comprises an unused space around the cell table, expands as new records are inserted into the cell
18 table, the unused space being operable for facilitating the insertion of new records and fields by
19 maintaining a region between the frame and the cell table.